Ex db: Ex e: Ex ta: IP66: IP68

## PART NUMBERS:





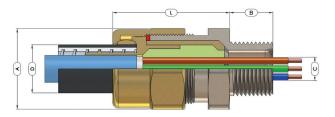












ERENCE NUMBER: 4.4.0

## PRODUCT DESCRIPTION

"LT-C" type glands are certified Flameproof Ex db, Increased Safety Ex e and Dust Protected Ex ta. They are suitable for use in Zone 1 and 2 for Gas Groups IIA, IIB and IIC and additionally for use in Zones 20, 21 and 22 for Dust Groups IIIA, IIIB and IIIC. Occasionally referred to as "potting glands", they provide a compound barrier Ex db & IP seal on the cable inner cores, eliminating damage to cables that exhibit "cold flow" characteristics. The gland maintains IP66 & IP68 to 100 metres. The gland incorporates a connection for liquid tight flexible metallic conduit and features the Peppers T-1000 sealing compound that enables a quick and easy installation.

## COMPLIANCE STANDARDS:

EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31 & IEC 60529

CATION:	ATEX	I M2 II 1D 2G Ex db I Mb / Ex db IIC Gb / Ex e I Mb / Ex e IIC Gb / Ex ta IIIC Da
CERTIFI	IECEx	Ex db   Mb / Ex db  IC Gb / Ex e   Mb / Ex e  IC Gb / Ex ta  IIC Da

IECEx Ex db | Mb / Ex db | IC Gb / Ex e | Mb / Ex e | IC Gb / Ex ta | IIC Da

INMETRO - Brazil Ex db | Mb / Ex e | Mb / Ex db | IC Gb / Ex e | IC Gb / Ex ta | IIC Da

Ex db IIC / Ex e IIC SAC - China

CCoE - India Petroleum Rules 2002 (PESO)

LLOYD'S Enclosure Systems (Part 1B)

SIRA 14ATEX1303X

CERTIFICATION

ATEX

IECEx SIR 14.0106X **IECE**x

INMETRO - Brazil NCC 16.0275 X

SAC - China NEPSI GYJ16.1408X

CCoE - India PESO P365300/1

LLOYD'S 10/00056(E1)

	LT-C	Gland featuring Peppers T-1000 Compound and connection for liquid tight flexible metallic conduit
	В	Brass (B) / Stainless Steel (S)
	L	Locknut (material dictated by gland entry thread material)
	N	Including IP Washer, Nylon (N) - Fibre (V) - PTFE (H)
OPTIONS	Т	Including Earth Tag
OPT	S	Including Serrated Washer
	1	Quantity per kit
	NP	Nickel Plated
	20-1	Gland and Conduit Connection Size
	M20	M20 x 1.5 Male Entry Thread

Brass (ACBLN) / Stainless Steel (ACSLN)											
Brass (ACBET) / Stainless Steel (ACSET)  Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)											
						Stainless Steel (ACSSW)					
IP66 & IP68 (100 metres - 7 Days) & DTS01:1991 -60°C to +135°C Brass or Stainless Steel											
						Electroless Nickel					
						Peppers T-1000 Sealing Compound					

## **CURING TIME:**

@ 21°C Conductor termination can be effected after 1 hour The equipment can be energised after 4 hours.

	Gland & Connection Size	Standard Entry Thread Size			Cable Acceptance Details [C]			Conduit Data [D]		Nominal	Dimensions/Weight (Metric Versions)		
		Metric	NPT	Metric Thread Length [B]	Max No .of Cores	Max Ø Over Cores [C]	Max Cable Inner Sheath Ø	Typical Conduit I/D	Max Conduit O/D	Protrusion Length [L]	Across Flats [A]	Across Corners	Weight Kgs
	20S-1	M20 x 1.5	1/2" or 3/4"	16	9	5.0	5.0	6.2 - 7.1	11.4 - 12.9	45.0	25.4	28.0	0.180
П	20S-2	M20 x 1.5	1/2" or 3/4"	16	20	7.8	7.8	9.8 - 10.3	14.2 - 15.6	44.0	25.4	28.0	0.177
l	20-1	M20 x 1.5	1/2" or 3/4"	16	35	10.4	10.4	12.1 - 13.0	17.0 - 19.1	44.0	30.0	33.0	0.217
П	20-2	M20 x 1.5	1/2" or 3/4"	16	40	12.5	13.3	15.8 - 16.3	20.8 - 22.3	42.0	30.0	33.0	0.218
	25-1	M25 x 1.5	3/4" or 1"	16	60	17.8	18.0	20.8 - 21.3	26.0 - 27.8	46.0	41.3	45.4	0.364
	32-1	M32 x 1.5	1" or 1 1/4"	16	80	23.5	23.6	26.0 - 27.1	32.7 - 34.5	54.0	46.0	50.6	0.482
	40-1	M40 x 1.5	1 ¼" or 1 ½"	16	130	28.8	31.8	34.8 - 35.8	41.1 - 43.3	57.0	55.0	60.5	0.706
П	50-1	M50 x1.5	2"	16	200	35.2	37.0	40.0 - 40.6	47.3 - 49.4	66.0	65.0	71.5	0.989
	63-1	M63 x 1.5	2 ½"	19	300	48.0	48.0	50.5 - 51.9	59.4 - 61.4	67.0	80.0	88.0	1.410
П	75-1	M75 x 1.5	3"	19	325	59.3	59.3	62.9 - 63.9	72.1 - 74.1	67.0	98.8	108.7	1.945
ı	75-2	M75 x 1.5	3"	19	425	60.8	68.0	77.9 - 78.7	87.8 - 90.0	67.0	104.7	115.2	2.338

(ALL DIMENSIONS IN mm)

EXAMPLE PART NUMBERING: LT-CB/NP/20-1/M20

- Gland size does not necessarily equate to the entry thread size.
- All brass entry threads are Nickel Plated as standard.
- Dimensions (A) & (B) may differ for glands with non metric entry threads. Please refer to our "Thread Reference Tables" for specific dimensions.
- Assembly instructions must be read prior to installation and adhered to in full.
- Peppers supplies cable glands with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. They usually incorporate a thread run out according to the available machining techniques and will not have a full form thread for the entire length.
- Peppers Cable Glands Limited will not be held responsible for clients' installations.
- · It is the installer's responsibility to ensure that the conduit is secured correctly.
- · The gland is supplied with the correct amount of the two-part compound, gloves and instructions to allow one complete termination.
- · If fit testing is required for specific conduit please contact Peppers.
- · When selecting IP Washer material for use with glands, please be aware of the accessories temperature range to ensure they are suitable for the intended installation.
- · Where approval in addition to ATEX and IECEx is required, this must be clearly requested at time of enquiry / order.